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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	GREEN, Lawrence et al.	Examiner:	Melvin A. Cartagena
Serial No.:	10/776,209	Group Art Unit:	3754
Filed:	February 12, 2004	Docket No.:	079693-010700
Title:	MANUAL PUMP MECHANISM AND DELIVERY SYSTEM		
Customer No.:	33717		

CERTIFICATE OF TRANSMISSION

I hereby certify that this document is being transmitted electronically to the United States Patent and Trademark Office via the EFS Web e-Filing system on October 18, 2007.

DRAFT
Name: Mia Velarde

Claim 1 (proposed) A pumping system having built in safety features comprising, in combination:

a source of fluid for selective pressurization,
a mechanism for applying pressure to said fluid,
a conduit for selectively carrying said fluid from said source when said fluid is pressurized having an air purge mechanism within the syringe connector, and
a container of a viscous material connected to said conduit to receive pressurized fluid from said conduit to selectively force said viscous material from said container, whereby the system is effective for pumping at moderate to high pressures during surgical procedures without risk to patients.

Claim 13 (proposed): A pumping system for mechanical device usage having a hydraulic connection comprising

a source of fluid for selective pressurization,

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**handle means for supporting said source of fluid
a mechanism for applying pressure to said fluid, said
mechanism comprises,
trigger means mounted to said handle means for selectively
applying pressure to said fluid in said source of fluid,
a conduit for selectively carrying said fluid from said source
when said fluid is pressurized, and
a container of a viscous material connected to said conduit to
receive pressurized fluid from said conduit to selectively force said viscous
material from said container;
whereby automatic purging of air provides an effective
incompressible working fluid preventing over pressurization within the self-
contained fluid reservoir acting as a fail-safe safety mechanism.**

Dear Examiner Cartagena,

As discussed, I shall attempt to call you at your 2:00 time.

These claims, and or other features, do not exist in the art as no safety features or high-pressure systems exist, either in the prior art or the market.

That was a basis for our Petition to Make Special* which was granted. In these medical "fail-safe" safety mechanisms are a standard of care and our product release was contingent on an issued patent.*

With thanks,

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trigger means mounted to said handle means for selectively applying pressure to said fluid in said source of fluid.

Claim 8 (rejected): The system recited in claim 6 including, housing means formed with said handle means, and valve means mounted in said housing means for controlling the movement of said fluid from said source of fluid through said conduit.

Claim 9 (rejected): The system recited in claim 1 including connector means for connecting said conduit to said container.

Claim 10 (rejected): The system recited in claim 9 wherein said connector means rotates about said conduit to permit selective bleeding of air from said container.

Claim 11 (rejected): The system recited in claim 5 wherein said syringe includes a plunger movable therein.

Claim 12 (rejected): The system recited in claim 1 including a manual pressure release mechanism operatively connected to said source of fluid for selectively relieving pressure from said fluid.

Claim 14 (rejected): The system recited in claim 13 including housing means formed with said handle means valve means mounted in said housing means for controlling the movement of said fluid from said source of fluid through said conduit, and connector means for connecting said conduit to said container.

Claim 15 (rejected): The system recited in claim 10 wherein said connector includes, a hollow housing for receiving an end of said conduit through an axial opening therein, a set screw threadedly engaged with the interior of said hollow housing

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and surrounding said end of said conduit,
seal means surrounding said end of said conduit and ferrule means
surrounding said end of said conduit,
said set screw adapted to force said ferrule means, and
said seal means into contact with the interior of said hollow housing to provide
a seal around said conduit in said hollow housing.

Respectfully submitted,

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Date: October 18, 2007

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